

Table S4 Non-Mendelian segregation frequencies on chromosomes III and VII

Strain	Chromosome III					Chromosome VII					Total# of tetrad
	<i>HML</i>	<i>URA3</i>	<i>LEU2</i>	<i>HIS4</i>	<i>MAT</i>	<i>CUP2</i>	<i>MET13</i>	<i>CYH2</i>	<i>TRP5</i>	<i>ADE6</i>	
Wild type	3 (1.0)	11 (1.0)	69 (1.0)	14 (1.0)	11 (1.0)	66 (1.0)	51 (1.0)	14 (1.0)	23 (1.0)	23 (1.0)	1134
<i>slx4</i> Δ	2 (0.3)	20 (1.6)	122 (1.4)	22 (1.3)	13 (0.9)	96 (1.2)	52 (0.8)	13 (0.8)	14 (0.5)	29 (1.1)	1414
<i>slx1</i> Δ	2 (1.0)	14 (1.4)	88 (1.2)	14 (1.1)	11 (0.8)	87 (1.2)	59 (1.1)	10 (0.9)	17 (0.8)	34 (1.6)	1242
<i>rad1</i> Δ	2 (0.7)	22 (1.9)	76 (1.0)	12 (0.8)	14 (1.1)	76 (1.0)	41 (0.7)	10 (0.7)	14 (0.6)	29 (1.1)	1291
<i>rtt107</i> Δ	9 (2.6)	22 (2.0)	77 (1.1)	13 (0.9)	16 (1.3)	81 (1.2)	61 (1.1)	13 (0.9)	25 (1.1)	41 (1.7)	1192

Numbers of tetrad-type with 3+:1-, 1+:3-, 4+:0-, and 0+:4- segregation for each marker were shown. The ratios of the frequency in the mutant relative to that in the wild type are shown in parentheses.